

Name	RENÉ WACLAVICEK
Email	rwaclavicek@liquifer.at
Expertise	
Architecture, Systems Configuration, Visualization	
Education	
1990 – 1995 Higher Technical School for Building Construction 1996 – present Architecture at the University of Technology Vienna	
Experience	
2006 LIQUIFER Systems Group – Co-Director	
2005 – present Researcher/Teaching Assistant at Institute of Architecture and Design, Department for Design and Building Construction, Vienna University of Technology, <i>www.hb2.tuwien.ac.at</i>	
2006 Design development - Definition Study of a Facility for Integrated Planetary Exploration Simulation (FIPES), client: ESA-ESTEC	
2006 Design development - Deployable structures for a human lunar base; Proposal selected competitively from 40 European entries; Client: Alcatel Alenia Space	
2005 Project development at the "Moon Mars Habitat Design Workshop" held at ESTEC designing a human outpost for Phobos.	
2002 Project development at the "Lunar Base Design Workshop 2002" held at ESTEC	
1995 – present Freelance architectural collaborations with Hillerbrand & Halbritter (architects), Dipl.Ing.Arch. Bernhard Sommer / Exikon (amongst others)	
Relevant Projects	
<ol style="list-style-type: none"> 1) Definition Study of a Facility for Integrated Planetary Exploration Simulation (FIPES), client: ESA-ESTEC 2) Deployable structures for a human lunar base, 2006; Client: Alcatel Alenia Aerospazio; 3) Design of a human base on Phobos 4) Research on bionic concepts for space architecture applications, project: "TRANSFORMATION – space/structure" 5) Design of an urban Project for London over the river Thames based on a metabolic approach 6) Design of a crewed lunar base within "Lunar Base Design Workshop 2002" /Team "Kopernikus" http://www.esa.int/SPECIALS/Aurora/SEMIDI1A6BD_0.html 	

Papers + Publications + Lectures

Publications of the project "Kopernikus" (Lunar Base Design Workshop 2002), e.g.

- 1) DOMUS 899, SPACE TOURISM _ SPACE ARCHITECTURE - Text by Matteo Palmisano, Kopernikus Lunar Base
- 2) Paper IAC 2006, Co-Author, "Deployable structures for a human lunar base"
- 3) http://www.esa.int/SPECIALS/Aurora/SEMID11A6BD_1.html#subhead3
- 4) GEO - SPEZIAL, "Zimmer mit Erdblick" (Room with a view towards Earth), Hans Zippert, p. 91,
- 5) Hans-Arthur Marsiske, "Heimat Weltall-Wohin soll die Raumfahrt führen?", Edition Suhrkamp, 2005, p.123, 130ff, ISBN:3-518-12396-3

*details upon request